

B' Cncl  
detection signal. DNA encoding the polypeptide may be introduced directly into an animal and cause *in vivo* expression, resulting in the formation of antibodies specific for the polypeptide. The formed antibodies are detected or enriched by reacting with the bound polypeptide.

**In the Claims:**

Please cancel claim 18, without prejudice or disclaimer.

Amend the claims as follows:

1. A process for producing antibodies that react specifically with a polypeptide, wherein:
  - (a) DNA encoding the polypeptide is expressed in a host cell which is derived from a mammal using a vector that possesses at least one sequence encoding a detection signal that is linked to the sequence encoding the polypeptide, and the expressed polypeptide is bound to a solid phase with the aid of the detection signal,
  - (b) independently of step (a), the DNA encoding the polypeptide is introduced directly into an animal, resulting in expression of a polypeptide in the animal, which expression causes the formation of antibodies against the polypeptide and wherein the expression vector employed for the genetic immunization in step (b), is also used *in vitro* for producing the target protein, and
  - (c) the antibodies which are formed in step (b) are reacted with the polypeptide formed in step (a) and detected or enriched.

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3. The process according to claim 2, wherein the detection sequence is selected from the group consisting of His<sub>67</sub> tag sequence, the hemagglutinin sequence of an influenza virus and the myc tag sequence.

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7. The process according to claim 1, wherein the DNA encoding the polypeptide that is introduced directly into an animal in accordance with step (b) is present in the expression vector.

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8. The process according to claim 1, wherein the DNA encoding the polypeptide is introduced into the animal in step (b) using a gene gun.

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10. The process according to claim 1, wherein in step (b), a genetic adjuvant is administered in addition to the DNA encoding the polypeptide.

#### REMARKS

##### Objection to the title and abstract

The Examiner asserts on page 3 of the office action that the title "is not descriptive" and that the abstract "comprises four paragraphs/"

In response, applicants provide a new title and a condensed abstract of one paragraph.

Reconsideration of these objections courteously is requested.

##### Objection to typographical error in claim 3

The Examiner points out a typographical error in claim 3. Claim 3 has been